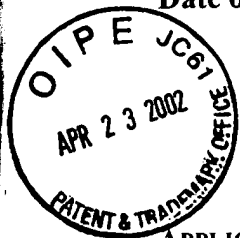


Express Mail Label No.: EU282824024US

Date of Deposit: April 23, 2002

04-25A02
1741
PATENT APPLICATION
Attorney Docket No.: 21535-001



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S): William P. Acker, et al.
SERIAL NO.: 09/997,693
FILING DATE: November 30, 2001
FOR: FUEL CELL MEMBRANE AND FUEL CELL SYSTEM WITH
INTEGRATED GAS SEPARATION

April 23, 2002
Boston, Massachusetts

BOX IDS
Commissioner for Patents
Washington, D.C. 20231

TRANSMITTAL LETTER

Sir:

Transmitted herewith for filing in the present application are the following documents:

- ☒ Information Disclosure Statement
- ☒ Modified Form 1449
- ☒ Return Postcard

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APR 30 2002
TC 1700

If the enclosed papers are considered incomplete, the Mail Room and/or the Application Branch is respectfully requested to contact the undersigned at 212/692-6803, New York, New York.

A duplicate copy of this transmittal letter is enclosed.

Respectfully submitted,

Brian P. Hopkins
Registration No. 42,669
Attorney for Applicants
MINTZ, LEVIN, COHN, FERRIS
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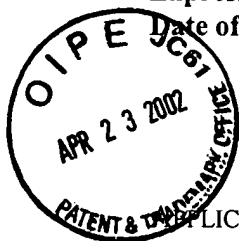
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PATENT TRADEMARK OFFICE

Express Mail Label No.: EU282824024US

Date of Deposit: April 23, 2002

Attorney Docket No. 21535-001



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS: William P. Acker, et al.
SERIAL NUMBER: 09/997,693 EXAMINER: Not yet assigned
FILING DATE: November 30, 2001 ART UNIT: 1741
FOR: FUEL CELL MEMBRANE AND FUEL CELL SYSTEM WITH
INTEGRATED GAS SEPARATION

April 23, 2002
Boston, Massachusetts

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Washington, D.C. 20231

P

INFORMATION DISCLOSURE STATEMENT

Pursuant to the duty of disclosure under 37 C.F.R. §§1.56, 1.97 and 1.98, Applicants hereby make of record the documents listed below and on the attached modified Form PTO-1449 (submitted in duplicate) in the above-identified application, copies of which are submitted herewith. The order of presentation of the references should not be construed as an indication of the importance of the references.

RECEIVED

APR 30 2002

U.S. Patent Documents:

5,992,008 5,945,231
5,599,638 5,573,866
5,795,496

5,773,162
4,420,544 TC 1700

A copy of each of the above-identified documents is enclosed unless otherwise indicated on the attached Form PTO-1449 (modified). It is respectfully requested that the Examiner consider the cited information, along with any other information, in reaching a determination concerning the patentability of the present claims, and signs the enclosed form PTO-1449 to evidence that the cited information has been fully considered by the Patent and Trademark Office during the examination of this application.

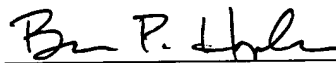
By submitting this Information Disclosure Statement, the Applicant makes no representation that: (1) a search has been performed, of the extent of any search performed, or that more relevant information does not exist; (2) the information cited in the Statement is, or is

APPLICANTS: William P. Acker, et al.
U.S.S.N.: 09/997,693

considered to be, material to patentability as defined in 37 C.F.R. §1.56(b); and (3) the information cited in the Statement is, or is considered to be, in fact, prior art as defined by 35 U.S.C. §102.

Notwithstanding any statements by the Applicant, the Examiner is urged to form his/her own conclusion regarding the relevance of the cited information. An early and favorable action is hereby requested. Please charge any additional fees that may be due, or credit any overpayment of same, to Deposit Account No. 50-0311, Reference No. 21535-001.

Respectfully submitted,



Brian P. Hopkins, Reg. No. 42,669
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Dated: April 23, 2002

A circular stamp from the Office of Intellectual Property (OIP). The text "OIP" is at the top, "JC61" is at the top right, and "PATENT & TRADEMARK SERVICE" is at the bottom. The date "APR 23 2002" is stamped in the center.

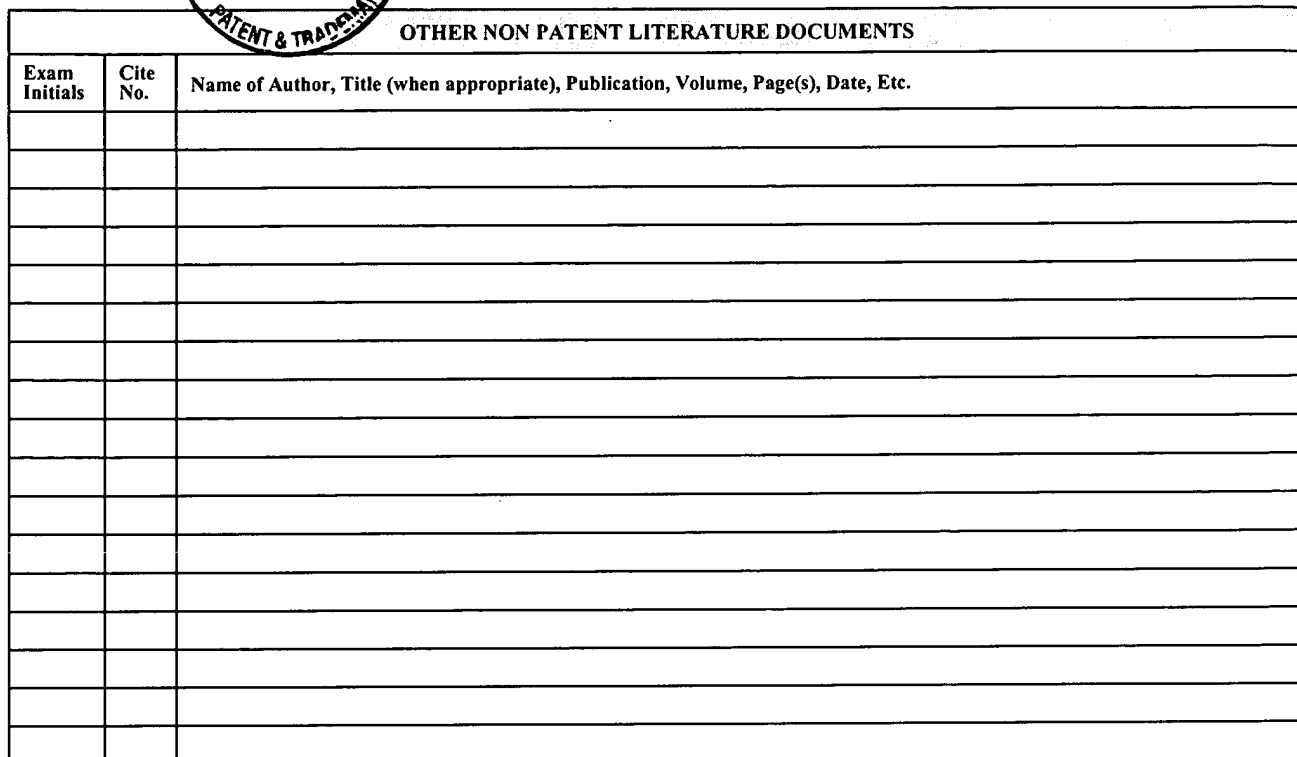
INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Application Number	09/997,693
Filing Date	November 30, 2001
First Named Inventor	William P. Acker, et al.
Group Art Unit	1741
Examiner Name	Not yet assigned
Attorney Docket Number	21535-001

Exam Initials	Cite No.	U.S. Patent Document No.	Issue Date	Name of Patentee(s) or Applicant(s)	Class	Sub Class	Filing Date If Appropriate
		5,992,008	11/30/99	Kindler	29	730	
		5,945,231	08/31/99	Narayanan et al.	429	30	
		5,773,162	06/30/98	Surampudi et al.	429	39	
		5,559,638	02/04/97	Surampudi et al.	429	33	
		5,573,866	11/12/96	Van Dine et al.	429	13	
		4,420,544	12/13/83	Lawson et al.	429	13	
		5,795,496	08/18/98	Yen et al.	252	62.2	

Exam Initials	Cite No.	Foreign Patent Document Office Number		Name of Patentee(s) or Applicant(s)	Date of Publication	Translation Yes No	
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					APR 30 2002		
					TC 1700		

[illegible]



Examiner Signature		Date Considered	
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Include copy of this form with next communication to applicant.

TC 1700